

IN THE CLAIMS

Please amend claims 29, 31-32, 44, 46-49, 51, 54, 59-60, 62, 67, 71-72, and add new claim 73 as follows:

SUB I1

29. (Currently Amended) A method for presenting records to a user, comprising the steps of:

(a) receiving an input from the user;

(b) defining a subset of records selected from an electronic database containing a set of records, based on a classification of information within a respective record and the user input;

(c) determining a ~~likelihood~~ statistical risk associated with a respective record;

(d) determining economic parameters associated with the subset of records; and

(e) presenting the subset of records jointly optimized based on the determined economic parameters, and a ~~the~~ statistical likelihood risk associated with the selected record.

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30. (Original) The method according to claim 29, wherein the user input comprises health information.

31. (Currently Amended) The method according to claim 29, wherein the user input comprises a nutritional status risk tolerance.

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32. (Currently Amended) The method according to claim 29, wherein ~~each record corresponds to a respective nutritional supplement~~ a user interface is provided to assist the user in making selections.

112

33. (Original) The method according to claim 32, wherein the economic parameters correspond to a cost associated with a respective selected record.

34. (Cancelled)

35. (Original) The method according to claim 29, wherein the input comprises a semantic expression.

36. (Original) The method according to claim 29, further comprising the steps of determining a user preference and further optimizing the presented set of records based on the determined user preference.

37. (Original) The method according to claim 29, further comprising the steps of receiving feedback from the user relating to the presented set of records and re-optimizing the presented set of records to generate a revised presented set of records.

38. (Original) The method according to claim 29, further comprising the steps of providing a plurality of optimization procedures and selecting at least one of the optimization procedures for optimizing a presented set of records for the user.

39. (Original) The method according to claim 29, further comprising the step of transacting a sale relating to a subject of at least one presented set of records with the person.

40. (Original) The method according to claim 39, wherein said sale comprises an electronic data transmission between a client system and a server system.

41. (Original) The method according to claim 40, wherein the electronic data transmission between the client system and the server system is carried over the Internet.

42. (Original) A computer readable medium having recorded thereon a series of computer implemented instructions for controlling a computer to execute the method according to claim 29.

43. (Original) The medium according to claim 42, further comprising the steps of generating a graphic user interface and interacting with the user through the graphic user interface.

44. (Currently Amended) A method for presenting records to a user, comprising the steps of:

- (a) determining a user relevance parameter;
- (b) defining a set of records from an electronic database based on a classification of the information therewithin and the user relevance parameter;
- (c) determining a statistical likelihood risk relating to the set of records and the determined user relevance parameter;
- (d) determining economic parameters for defined records; and

(d) presenting the set of records optimized based on both the determined economic parameters and the determined statistical likelihood risk.

45. (Original) The method according to claim 44, wherein the user relevance parameter comprises health information.

46. (Currently Amended) The method according to claim 44, wherein the user relevance parameter comprises an input to a search engine a nutritional status.

47. (Currently Amended) The method according to claim 44, wherein each record corresponds to the records comprise information accessible through the Internet a respective nutritional supplement.

48. (Currently Amended) The method according to claim 47, wherein the economic parameters correspond to a cost associated with a respective record of a respective nutritional supplement.

49. (Currently Amended) The method according to claim 44, wherein said presenting step comprises outputting a sorted list of the set of records having an order dependent on the determined economic parameters and the determined statistical likelihood risk.

50. (Original) The method according to claim 44, wherein the user relevance parameter comprises a population grouping.

51. (Currently Amended) The method according to claim 44, further comprising the steps of determining a risk tolerance of model for the user, said determined statistical likelihood risk being derived from evaluation of comprising the determined risk model tolerance.

52. (Original) The method according to claim 44, further comprising the steps of receiving feedback from the user relating to the presented set of records and re-optimizing the presented set of records to generate a revised presented set of records.

53. (Original) The method according to claim 44, further comprising the steps of providing a plurality of optimization procedures and selecting at least one of the optimization procedures for optimizing a presented set of records for the user.

54. (Currently Amended) The method according to claim 44, further comprising the step of transacting a sale of at least one presented set of records with the user person.

55. (Original) The method according to claim 54, wherein said sale comprises an electronic data transmission between a client system and a server system.

56. (Original) The method according to claim 55, wherein the electronic data transmission between the client system and the server system is carried over the Internet.

57. (Original) A computer readable medium having recorded thereon a series of computer implemented instructions for controlling a computer to execute the method according to claim 44.

58. (Original) The medium according to claim 57, further comprising the steps of generating a graphic user interface and interacting with the user through the graphic user interface.

59. (Currently Amended) A method for outputting a set of records, comprising the steps of:

(a) receiving a specification for a class of information having a plurality of records, said plurality of records having associated economic parameters;

(b) determining a ~~likelihood~~ statistical risk associated with records within the class of information and the received specification; and

(c) jointly optimizing a presentation of the records based on both the economic parameters and the determined ~~likelihood~~ statistical risk.

60. (Currently Amended) The method according to claim 59, wherein the statistical risk ~~comprises a likelihood of adoption of a record by a user is determined by a statistical model.~~

61. (Original) The method according to claim 59, further comprising the steps of providing a plurality of optimization procedures and selecting at least one of the optimization procedures for optimizing a presented set of records for the user.

62. (Currently Amended) The method according to claim 59, further comprising the steps of providing a plurality of relevance profiles, and selecting a relevance profile to define ~~the likelihood a risk tolerance.~~

63. (Original) The method according to claim 59, further comprising the step of transacting a sale of at least one record with the user.

64. (Original) The method according to claim 59, further comprising the steps of providing a client terminal having an interface for the user, providing a server for receiving information from the user and optimizing the presented records, and communicating between the client terminal and server over a computer network.

65. (Original) A computer readable medium having recorded thereon a series of computer implemented instructions for controlling a computer to execute the method according to claim 59.

66. (Original) The medium according to claim 65, further comprising the steps of generating a graphic user interface and interacting with the person through the graphic user interface.

67. (Currently Amended) A method of producing a ranked set of results for a user inquiry, comprising the steps of:

(a) receiving an inquiry from the user;

(b) producing a set of responses to the inquiry, each response having an associated relevance to the inquiry, and at least one response having an associated economic parameter; and

(c) optimally ranking the presenting an optimum set of responses according to (i) a likelihood of user adoption using a statistical likelihood model based on the user inquiry, a and an information content of each of the set of responses, and (ii) the economic parameter.

68. (Original) The method according to claim 67, wherein the inquiry comprises a semantic expression.

69. (Original) The method according to claim 67, wherein the economic parameter comprises a price.

70. (Original) The method according to claim 67, wherein the ranking gives preference to relevant and economically feasible results.

71. (Currently Amended) The method according to claim 67, wherein the economic parameter perturbs an optimization purely according to likelihood of user adoption, to reflect an interest of a third party is defined for the user.

72. (Currently Amended) The method according to claim 67, wherein the optimization merges results from a set of independent modules ranking is based on a user-dependent parameter.

111
H1 73. (Currently Amended) The method according to claim 67, wherein the likelihood

if user adoption is derived from a determination of objective statistically acceptable risk to the
user inquiry is based on an automatically determined user characteristic.

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74. (New) The method according to claim 32, wherein the economic parameters

correspond to an economic interest of an entity distinct from the user.